

ABSTRACT OF THE DISCLOSURE

There is provided media converter having an integrated local information transmission function and a fault alarm signal communication system for transmitting local information using a frequency outside the communication frequency bands for data signals. In the subscriber's media converter, based on input local information, a control section sets a transmission frequency outside the communication frequency bands and outputs a signal instructing that a transmission be made. A media independent interface section receives this signal and transmits the signal in the instructed frequency. In the station media converter, a media independent interface section detects the frequency in which the local information is transmitted from the received signal. A control section then generates local information using the detected frequency and outputs it to an SNMP unit.

10073756-021102